

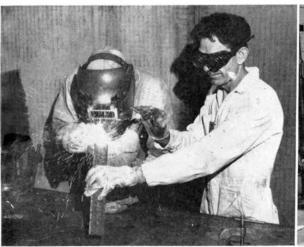
THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY **DIVISION OF UNION CARBIDE CORPORATION**

VOL. 14 - NO. 29

OAK RIDGE, TENNESSEE

Wednesday, July 20, 1960





ADEQUATE PROTECTION AGAINST GLARING LIGHT AND HEAT are vital as F. O. Russell and S. D. Smith arc weld angle iron at left. Russell and Smith of the Maintenance Mechanical Department know full well the intense pain from a weld burn and are properly dressed to prevent such a burn. At right Chemical Operators Claude Reasor and Tony Osborne of Special Processing are shown making a "pour" of molten metal into a ladle. Their clothing consists of elbow length asbestos gloves, asbestos aprons, shin guards, safety glasses, and hard hat with attached face shield.

Catastrophies Fatal To Fewer In 1959

Civil Aviation Brings Four Of Five Tragedies

Catastrophes-accidents in which five or more persons lost their lives -killed more than 1,400 persons in 1959 ,or about 150 fewer than in the preceding year, it is reported by statisticians of the Metropolitan Life Insurance Co.

The more favorable record for 1959 reflects the decreased number of fatal injuries in major catastrophes—accidents in which at least 25 people are killed-the statisticians point out. The loss of life in such catastrophes dropped from nearly 430 in 1958 to about 175 last year, an appreciably lower toll than in any year since 1941.

Four of the five major catastrophes in 1959 involved civil aviation. In February, a scheduled plane plunged into the East River in New York City, killing 65. Another plane disintegrated in the air in a thunderstorm near Baltimore in May, taking 31 lives. In October a crash near Charlottesville, Va., killed 26; and 25 died when a scheduled plane rammed a mountain near Williamsport, Pa., on December 1. The fifth major catastrophe was a series of earthquakes which took place on August 17 in the area of West Yel-lowstone, Mont., claiming about 29

Motor vehicle accidents were responsible for about two-fifths of the lives lost in all catastrophes last year. Fires and explosions accounted for about one-fourth and civil aviation for somewhat less than one-fifth of such deaths. The remaining fatalities were very largely due to natural catastrophes and to accidents involving military avia-tion, water transportation and rail-

Special Projects Plan Big Outing In Roane

Summer time is picnic time, for sure, and Special Projects is engrossed in plans for their big outing Saturday, July 30th, at Roane County Park. The planning committee, which consists of Kay Sideris, Jeanne Cothron, Dick Cawood and ne Cothron, Dick Cawood and Chairman Gray Bennett are busy with all the arrangements. The nature lovers plan plenty of food, the whole gang. The average unemployment in Denmark is only 2.6 per cent, according to recent news dispatches. There were only 21,063 persons fun, and frolic for the whole gang.



ACIDS AS WELL AS HIGH TEMPERATURES REQUIRE SPECIAL TREATMENT as shown by Mary K. "Sammy" Mattingly, left, of the Assay Laboratory. Equipped with rubber gloves Sammy is removing an acid solution from a flask with a bulb type pipette to prevent chemical burns. Chlogene Brown, right, prepares samples for fluorometric analysis by using a modified Fletcher burner. The equipment is shielded and the employee uses long metal tongs plus asbestos gloves to prevent temperature burns. Both women wear safety glasses, equipment required throughout the laboratory areas. The immediate working area is equipped with exhaust hoods to remove fumes and smoke.

Nitrogen, Foam Aid Frozen Food **Processing Work**

There's something new in the deep freeze—liquid nitrogen and plastic foam. The combination, by enabling frozen food processors to eliminate mechanical refrigeration in shipping and storing, may bring sweeping changes in frozen food processing.

The system maintains frozen food temperatures at or below zero by spraying the food with liquid nitrogen $(-320^{\circ} \text{ F.})$ after it is placed in foam-insulated trucks or freight cars. The insulation is generally made from pre-formed panels of polystyrene, although, in some cases, polyurethane has been

When the liquid nitrogen comes in contact with the food, it absorbs the heat present and quickly evaporates. Research has shown that the quick-freezing liquid is not harmful to the food or its contain-

FEW DANES UNEMPLOYED

Physics Lectures Set By ORNL Group

Four lectures on "Application of the Cluster Model to Nuclear Physics," will be conducted by Karl Wildermuth, of Florida State University, in the auditorium of Oak Ridge National Laboratory's 4500 building.

The times and dates of the lectures are Wednesday, July 20, 3:15 p.m.; Friday, July 22, 3:15 p.m.; Wednesday, July 27, 1:00 p.m.; and Friday, July 29, 3:15 p.m.
Interested personnel are invited

to attend these special physics lec-

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 7,241,000 Hours or 218 Days Through (Unofficial Estimate) Without A Disabling Injury

> July 17, 1960 Phone 7755 For Daily Report On Accident-Free Hours

Painful Burns Cause 17 Per Cent Of Y-12 Injuries For Year 1959

42 Eye Injuries Could Have Been Prevented With Proper Equipment And Vigilance By All

Since man began utilizing fire back in the dawn-age of civilization, he has often paid dearly for contact with this friendly enemy. Not only are burns one of the most painful injuries known to man, they are also the most destructive. Fire, heated objects or caustic solutions actually destroy body tissue, and secondary infections are added hazards to a painful burn.

painful burn.

In 1959, 17 per cent of the total injuries in Y-12 were caused by burns. In the first five months of 1960, the picture has improved slightly . . . only 14 per cent of the total injuries in the plant resulted from burns. Constant vigilance against all uses of heat or heat-producing agents can still improve this picture.

No Respect for Jobs

Burns have no respect for job classification in Y-12. In 1959, 65 serious burns occurred to machinists, welders, chemical operators, laboratory technicians, laboratory analysts, chemists, pipefitters, riggers, utility operators, instrument mechanics, insulators, millwrights, electricians, cleaners, sheet metal workers, drivers, and foremen. Forty-two of the 65 burn cases reported were burns to the eyes. All 42 of these injuries could have been prevented with the proper use of safety equipment provided by the plant. The proper protective equipment becomes a vital must in areas around corrosive or toxic chemicals, and around materials where excessive temperatures can be encountered.

In laboratory operations and chemical areas, hazardous chemicals are necessarily daily tools of trade that must be handled with extreme respect. Chemical burns, whether to the eye or any other part of the body, are severe injuries, as contact with strong acids, alkalies, or ox-idizing materials have the same result when in contact with the human body as strong heat or execs-

sive temperatures. Protective Equipment Provided In addition to protective clothing,

the Company provides other protective devices to guard against temperature or acid burns. Eye wash fountains and safety showers are strategically placed in several areas of the plant.

Office workers, often considered working with less hazards than most, are not exempt from the danger of fire. Duplicating machine fluid, fluid for cleaning typewriter keys, and many other materials used by the clerical worker are often highly flammable. The careless use of a cigarette or lighter around these fluids can very easily result in trouble.

Fire-fighters all have a healthy regard for the blazes they combat The equipment and clothing they use often make them look like men from outer space, but experience has taught them that freakish-looking clothing and masked appear-ances are preferred over painful burns. Any person who deals with temperatures in excess of normal heats has a great deal of regard for the potential dangers of burns.

Even Animals Respect Fire

Even animals respect a fire. Witness just once the stampeding wild life to remove itself from the path of a forest fire. Man must necessarily bear an even greater respect for this potential enemy, since it is within his power to create fire and spread it.

The nature of the work in the Y-12 Plant must put heat and heatproducing agents high on the list of Continued on Page 4



J. W. Ebert Made Y-12 Fund Director For 1960 Chest Drive

16 Year Y-12 Veteran Takes Helm For Plant's **Central Fund Drive**

J. W. (Bill) Ebert, Superintendent of the Maintenance Division, has been named UCNC Central Fund campaign director for Y-12 for 1960. The fund drive, scheduled to begin in the early fall, is being coordinated by all citizens of Anderson County so that simultaneous drives will take place in every plant and organization in the county.

Ebert came to Y-12 in 1944, after working with Basic Magnesium, a subsidiary of Anaconda Copper Company. He lives at 121 Copper Company. He lives at 121 Newkirk Lane, here in Oak Ridge. He and Mrs. Ebert (the former Vearl F. Flavel) have three daughters: Ann — who plans to teach at Ft. Knox, Ky. this fall; Linda—a senior in Oak Ridge High School; and Carol, a sophomore. The Eberts are members of the First Presbyterian Church. Bill belongs to the Oak Ridge Country Club, and is currently the club's president.

Employees Given Choice

As in the past, employees will be given a choice of two ways to contribute-either by cash donation or by payroll deductions. Last
Continued on Page 4





G. T. Connor

The Bulletin [

Published Weekly By And For Y-12 Employees Of UNION CARBIDE NUCLEAR COMPANY Division Of UNION CARBIDE CORPORATION

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Bldg. 9704-2 Room 134 Telephones 7100 - 7109





Mr. and Mrs. Larry Rinderer

RINDERER-PERRY

Solemnized at 2 o'clock Saturday afternoon, July 2, was the marriage of Miss Geraldine Lafelle Perry and Larry Thomas Rinderer, of the Y-12 Special Projects Department. The ceremony was performed at the Central Baptist Church, Oak Ridge, with the pastor, the Rev. Kenneth Combs, officiating.

The bride is the daughter of Mrs.

Celestine Perry and the late Mr. Joseph L. Perry, of Oak Ridge. Parents of the groom are Mr. and Mrs. C. A. Rinderer, also of Oak Ridge. The father of the groom is with the Y-12 Process Maintenance Department.

The bride was given in marriage by George Osteen. During the ceremony nuptial music was presented by Edward Davis, organist.

For her wedding the bride chose a floor-length embroidered lace over taffeta nylon gown with a round neckline and short puffed sleeves. Her flowers were white roses and carnations carried on a white Bible.

The maid of honor and the bride's only attendant was Miss Beverly Brown. She wore a street length dress of medium blue with a round neckline and puffed sleeves. She carried white carnations.

Serving as best man was John Simons. Ushers were John Mun-ford, James Kennedy, John Cowan Barry Brackney, all of Oak Ridge.

Out-of-town guests included Mr. and Mrs. W. L. Perry and Thomas Lloyd Perry, of Cocoa Beach, Fla., and Mrs. Ruth Schalser, Greeneville,

Both the bride and groom are graduates of Oak Ridge High School. She attended Knoxville Business College and the groom attended the University of Tennessee and Ten-

nessee Polytechnic Institute. The couple is at home at 505 West Outer Drive, Oak Ridge.

FIRST CHECK IN 1762

The practice of writing checks is older than recorded history. However the first printed check was drawn on an English bank in 1762—the House of Child.

The hunter who fires when he is not sure of his target may need glasses. Such visual aids also help in reading obituary notices.



Bloopers are often caused by dog days, roaches getting in the old Underwood, finger-tips sticking to the keyboard, and many other reasons. The least of which probably is not that the Old Colyum Conductor was not on hand last week to steady the helm. In the flag-raising story in last week's Bulletin, it seems Hawaii was given the dubious honor of being the "15th" state admitted to the Union. Of course, it should have been "50th", so with apologies to Hawaii, and the other thirty-five states completely omitted from the USA, let's have a caucus of the delegation from the glorious state of Y-12 to see what the latest happenings are in and around these parts-

INDUSTRIAL RELATIONS Meta Butler, Personnel Records, is on vacation this week, moseying around home, but is expecting out-

TECHNICAL

Dick Cawood of Special Projects and spouse had a wonderful time at Myrtle Beach, S. C. He reports his money went almost as fast as his

Metallurgical Development rolls out the welcome mat for Paul W. Turner. A. "Shorty" Rogers, of Laboratory Operations week-ended rein Chattanooga with the mizzes

Radiation Safety reports G. R. Patterson, with his wife and four children are vacationing on the Thousand Islands in the St. Law-rence River. They'll be using a camping trailer that "Pat" made himself. On the way back the Pattersons plan to see a portion of Canada and Niagara Falls. Art Stewart put his vacation to good use by supervising the building of a new home on Robertsville Rd. Jerry Lambdin says he will see the sights of Clinton on his week off (that ought to take about 20 min-

Mechanical Inspection reports R. C. Rowan away for a couple of weeks visiting kin in Virginia, West Virginia and South Carolina. H. C. LeTellier is all smiles these days. His son, Bobby, who has been away in the Air Force is home, after a year's absence. The LeTelliers haven't planned anything yet other than catching up on the talk with the boy. Tell Martin, formerly of this department, relates his son Bill is attending the Boy Scout Jamboree at Colorado Springs, Col., this

ENGINEERING

Electrical reveals L. G. Spence visitiing in Baltimore, Md., and West Virginia. A. G. Dunnam dittoing with relatives in the Panhandle and Lone Star State. C. R. Eastland decided to spend his vacation visiting his mother in Livingston, Tenn. D. C. Martin will be busy during his vacation shaking hands and kissing babies (he's running for J. P. down Kingston way). G. T. Wellborn is visiting friends and relatives in North Carolina.

The Coronas being passed around in Engineering Tuesday, July 12 were from the hands of **Bob Jago** in honor of the fine son B'rer Stork left his way at the Oak Ridge Hospital. Mrs. Jago will be remembered as the former **Nell McGinnis**, of Quality Control, and one of Y-12's finer athletes. The boy weighed in at 8 lbs. even and has been named

Robert Anthony, Jr.
Mechanical Engineering reports more well-earned vacations: **Bob Johnson** up Kentucky-wise doing some fishing. Dick Wyrick lolling around in the Florida sand, Daytona, to be exact. Lettie Ault just took off, didn't say. John Hill brought in the honors for having caught the largest barracuda thus far in the season . . . caught off the coast near Jekyll Island, Georgia. The department was saddened last week by the death of Clara Hickey's mother-inlaw, Mrs. G. R. Hickey, Sr., of Rockwood, and the death of an uncle of Burl Chambers. Sympathy is sent to the bereaved families. T. C. Swindell visited his mother in Ashville, N. C., over the week-end. The cavemen from Engineering namely Roy Huddleston, Ray Tiller, Joe Howell and Jim Bozyk were out alley-ooping again this week-end exploring the depths in the apparently endless cave near Crossville.

Interested Spelunkers contact the aforementioned . . . The L. F. Hemp-hills are hosts this week to her mother and a niece from Chicago ... Eleanor Bennett was visited last Sunday by an ex Y-12er, Louise Stallard, now living in New York

Ben Hammer announced he would offer two bags of cat food at drastically reduced prices if his stray pet doesn't come home . . . A num-ber of Tool Design Engineering personnel enjoyed a badminton shindig

at the home of Bill Hood Saturday
. . . O. T. (Ski-Nose) Smith has
finally mastered the art of water skiing (on both ends, that is) And now we hear that T. E. Harris is paying top prices for Indian Head pennies and V nickels.

MAINTENANCE

Research Services speeds get well wishes to U. L. Alspaugh, recovering from surgery. Also sent are good wishes to Charlotte Smith, who was injured recently in an automobile wreck near Council Bluffs, Iowa. Mary LeCroy chose Virginia Beach as her vacation headquarters. E. L. Pickard headed toward Florida, also plans to spend some time in the Tar Heel State.

MECHANICAL OPERATIONS

Rolling and Forming reports vacations, vacations—H. C. Dickinson a stay-at-home. E. C. Stinnett visited in-laws in Alabama. Friends suggested he wear Bermuda shorts to beat the 'Bama heat. He says he doesn't have any but will cut his "over-hauls" off at the knees. G. M. Cox and family went up New England, way to wigit friends in England way to visit friends in Manchester, N. H. Congrats to L. S. Hall, installed as President of the Oliver Springs Lion's Club, July

Sunflower welcomes Ulis Wallace back from a long illness. D. S. Smith was the recipient of a fine daughter born July 3 at St. Mary's Hospital, weight 7 lbs. 4 oz. B. H. Samuel vacationed in Greeneville, S. C. Bob Loy decided to jaunt down to Elinor Village, Fla., with his family. John Neeley divided his vacation in two sections-one moving into his new home, and two feeding the finny ones in Norris Lake. A host of other vacationers took off without leaving forwarding addresses. Mildred Morris (the Brenda Starr, girl repoter) says there won't be any news next week. She's taking off herself to Florida to recuperate from watching the Demo Convention. Says that was better than 'airy circus she ever saw.'

Beta-4 Heavy Machine Shop sent L. R. Benker to Cleveland, Tenn., visiting, C. E. Brown on a honeymoon, destination unknown (what about a wedding story?) C. F. Butler planned to ski, sun and fish around the lake regions. J. Cogswell went down B'mham, Ala. way. R. H. Turner decided on the city of brotherly love up Pennsylvania-way. Get well wishes are sent to F. L. Deal, L. P. Stevens, W. R. Harvey, and H. S. Carey, Jr. Carey underwent surgery in the Oak Ridge Hospital recently. The "welcome in" red velvet carpet is rolled out for W. J. B. Hayes, L. D. Copeland, C. E. Crowe, J. Dick, and W. R. Harvey. Condolences are sent to R. K. Miller, whose mother-in-law, Mrs. Henry Meade of Wise, Va. passed away recently. Get well wishes are sent to W. A. Sahr's mother-in-law after surgery in Atlanta. Also to George Blakely's wife, also recuperating from surgery.

TW Shop sends news that C. M.



BOARDING THE "BLUE ANGEL" FOR ITS HISTORIC FLIGHT over Oak Ridge is Major Herman Queener, ORGDP, at left, and already seated at the cockpit is Major Lonnie A. Slover, both of the Civil Air Patrol, the two pilots are all set to fly over the city in their Aeronca Champ.

Historic Flight Made Over Oak Ridge Within Hours After Skies Opened By FAA

Major Slover Takes To Air To View Home Town From The Air For First Time

King sunned and swam his vaca-

D. L. Morgan golfed in Gatlinburg,

J. L. Devaney visited relatives in Calumet City, Ill., and G. D. Ray

visited relatives in Clifton, Tenn.

Illnesses in the Shop include W. B. Stephens, C. E. Jennings,

and J. W. Shelley. Get well soon. Bob Vandergriff reports the little

girl belonging to him and Nancy

the news space for Production Control. Virginia Newby spent

Housers enjoying the surf in

Florida; likewise the Dave

Owenses. L. D. Strader went out

visiting relatives where the corn

is as high as an elephant's eye— Kansas way. Mike Shemanski spent part of his time in Bluefield,

W. Va. and the remainder golfing

and swimming at home. The Ed

Cothrons vacationed at home in

Paducah, Ky. The Joe Rapers

nooga area as vacation head-quarters. A. D. Lewis, who hails

from Columbus, Ohio, is being welcomed in. Get well wishes to **Al Fischer's** wife who is ill. The

stork visited the Barry Brackneys,

June 28, leaving little daughter

Debra Kay. Clyde Hopkins was

called home recently due to the

serious illness of his father, who

resides in West Tennessee. Get well wishes are sent that way.

Also to L. D. Strader, who was in

a recent auto mishap. Sympathy

goes to Bob Hill, whose brother-

in-law died in an auto accident in

SHIFT SUPERINTENDENTS

AND UTILITIES

Morristown, Kingston, and Chatta-

nooga, while on vacation.

Clara Mae Smith, visited in

Utilities reports more vacations:

ing his vacation. E. E. Robertson

Memphis recently.

Vacations also occupy most of

has been named Jeniece Anette.

Within hours after the Federal Aviation Agency lifted air restrictions over Oak Ridge, Y-12er Lonnie A. Slover, of Research Services, was aloft getting a "buzzard's eye view" of the Atomic City. Slover, who is a

Major in the Civil Air Patrol, was accompanied by another Carbider in

the person of Herman Queener of

King supped and swam his vacathe Oak Ridge Gaseous Diffusion Plant. tion away in the Sunshine State,

The historic flight, made in the "BLUE ANGEL", an Aeronca Champ took place July 8. Both pilots lay claim to being the first local fliers to soar over Oak Ridge on a non-restricted basis.

"Oak Ridge is very beautiful from the air", Maj. Slover commented, "and it means a great deal to a pilot to be able to fly over his home town. Oak Ridge is approaching normalcy more and more and I hers in Chattanooga; Gene Mattie at home in LaFollette; the Jerry

Housers enjoying the would like to see us with an airport

Major Queener voiced almost the same sentiments. "There is actually no comparison with an aerial view of a city alongside views from other vantage points; of all the cities I have flown over, none are as well laid out and as beautiful as our own Atomic City. It is good now that residents will be able to obtain local flights over their own home town and to other cities."

Both Slover and Queener serve on the Group IV Headquarters Staff of the CAP as Inspector and Training Officer, respectively.



Get well wishes go to the following Y-12 employees who were patients last week in Oak Ridge Hospital or who had been admitted to Knoxville hospitals:

OAK RIDGE Glen Neal, TW Shop: R. J. Hardy, Production Inspection; C. L. Stephens, Jr., Product Processing; H. C. Carey, Beta-Four Heavy Machine Shop; C. C. Bowman, Research Services; Harry Baker, Process Maintenance; U. L. Alspaugh, Research Services; W. G. Story, Sunflower Foundry; W. W. Chase, Forming; Clyde

Smith, Mechanical.
UNIVERSITY OF TENNESSEE R. A. Guy, Tool Grinding.

BAPTIST

W. J. Shelley, TW Shop. ST. MARY'S

J. B. Quinn, Guard.

NOSEY, WEREN'T THEY?

J. C. Thompson boated and splashed around in the Lakes dur-If you thought the census takers of 1960 were nosy, be glad you spent part of his time off in the Smokies, the rest of the time just missed the quiz of 1850. That year the government wanted to know moseying around the house. A. H. whether you were a pauper and if Shubert saw all the sights around you had any idiots in your house

Continued on Page 3 or any convicts in your family.



Continued from Page 2 Indian Rock Beach, Fla., did some fishing, too, but didn't say how many. J. W. Fox took off to the Blue Ridge Mountains of Virginny and North Carolina, then into the hilly countryside of Kentucky to visit relatives. J. H. Thomas and family motored through the Smokies and visited in the Cherokee village passing the wampum out among the natives. N. M. Standridge took his family camping on Chickamauga Lake, with skiing and fishing as the main bills of fare.
C. G. Wilson at the Steam Plant

spent his vacation on Norris Lake.

FINANCE AND MATERIALS

and the Great Smoky Mountains. Geraldine Watson, with husband, Lewis, of Mechanical Operations took it easy at home in Oak Ridge, then went to Gatlinburg for the big golf tourney. Roscoe Angel (the Judge) vacationed in Oakdale -that's three stones throw from Harriman. J. D. Housley is all smiles these days since daughter Carol came home for the summer from school. R. N. Stewart of Reproduction vacationed with his family up in Illinois recently.

Material Control says Georgia Rader vacationed visiting her brother in Augusta, Ga. Maggie Anderson took off to Harrisonburg, Va. then took another week off to

CHEMICAL OPERATIONS

Colex comes through with many vacations also. J. C. Owens picked blackberries over near Bull's Gap. Tommy Russell visited relatives in Ohio. Ruby Lucas divided her time between South Carolina and Florida. Henry Greene took his family to Florida for more fun in the sun. J. H. Pebley enjoyed many boat trips up and down Norris Lake. Archie McPeters took advantage of some time off to train his black cattle for the rodeo over near Wartburg . . . that's a suburb of Pine Orchard.

Chemical Department reports loads of vacations along with everybody else. Katie Goad vacationed in and around home; E. C. Cox crossed the border to see the other side of Mexico. J. H. Hackney vacationed in Gatlinburg. Sympathy is extended June Sherrill, whose grandmother died recently in McMinnville, Tenn. Smoky Meet Draws Peggy Sigmon had as guests recently relatives from Lincolnton, N.C.

Beta 2 relates that Harley Johnson and family took it easy sleeping late and taking off to the lake areas. "C" Shift's Lon Dunsmore vacationed in Clinton with a sidetrip to Kentucky for several days visiting relatives. The remaining part of news from Beta 2 is submitted by Jim Hallau. (With apologizes to Keats, Shelley, and Lord Byron the following is submitted. It may not be very good poetry, but it's NEWS!):
"C" Shift this I

Shift, this Hoot Owl Shift shall see

Key Personnel, be minus three-The Keeper and his two cohorts Shall be enjoying 'Summer Sports';

Vacation beckoned with her hand, And they responded, as tho'

J. A. Coleman shall be a buzzin' Constructing houses by the dozen. While Laura Hawkins and her

Shall be a-loitering 'round the

house, Perhaps to take a trip for joy And visit folk in Illinois. Last, Hallau and his family Shall go to Florida to see: Father, the girls in their bikinis: Children, the beach and munch on wienies:

Mother, the sights and this I feel Keep father on an even keel.



A BLACK JIG lured this nice-looking smallmouth bass from the blue near Blue Springs Boat Dock. G. G. Everett, Electrical, reported a mighty fight but the fish lost, by all the evidence.

Bowlers Meet Set Clifford Anderson of Property and family vacationed in Atlanta

Organizing Sessions Called For 4 Leagues

With the bowling season hardly over, it's time again to start planning for the 1960-61 season. The Recreation Department has already set up meetings for the four leagues to organize and begin plans for the coming season.

All members, especially league captains for last year are urged to attend the meetings of their respective leagues.

The organizational meetings are scheduled to meet in the west end of North Portal (in the Camera Club room), at 7:30 p.m. for each meeting. The times for the meetings

C League, Monday, August 1. Bush League, Tuesday, August 2. Mixed League, Wednesday, August 3.

. Classic League, Thursday, August 4.

A total of 46 teams bowled in last year's leagues, with the C League with 12 teams; Bush League, 10; Mixed League, 8; and Classic League 16. Winners in last season's play saw the Wolves winning in a roll-off over the Swingsters in the Classic; the Toppers over the Pin-Plasters in the Mixed League; the Alley Cats over the Sunflowers in the C League; and the Bush League saw the Beavers over the Alley Cats.

All team representatives, and persons interested in forming new teams are urged to attend the above meetings so that plans may proceed for the new season.

Record Registration

Golfers going to Gatlinburg for the tournament Saturday have lined up 146 strong, many planning to take their families for a week-end in the Smokies. The beautiful course in Gatlinburg offers scenic beauty as well as 18 challenging holes.

Tee off time is at 7:00 a.m., with foursomes taking off every seven minutes, through 11:05 a.m. Teams are requested to be ready to begin 20 minutes before tee-off time, so that no delay will incur in getting off at the correct time.

Y-12ers are once again reminded that they are guests at the Gatlinburg Golf and Country Club, and the usual rules of fair play and etiquette should be observed.

spective tee-off times.

SOMEBODY GOOFED

When on August 19, 1856, the U.S. Patent Office issued to Gail Borden a patent on a process for condensing milk, it expressed serious doubt as to "the commercial value of the invention."

for now. Now that the paper is "to bed" and in between conventions, maybe we can all catch up That's all from around the plant on our sleep.

Top Pairs Each Capture Five-Point Decisions

First place in the Oak Ridge Golf League for Y-12ers was shared by three teams after activities of last week. Deadlocked for the top spot was Gambill-Hamby, Smith-Bartholomew and Brown-Roberts. Each of these pairs took five points with victims being True-Earley, Mitchell-Tib-batts and Kahley-Everitt. Sixpoint white wash wins were recorded by Boyd-Oliphant over Underwood-Matthews and Ratjen-Davis over Youngblood-Burkhart. Hill-Hoppe also bagged six points by forfeit and Dehoney-Orrison added six by drawing the bye for the week. Gregory-Kurtz took five from Thomas-Breman and Holzknecht-Peckman beat Stout-Bailey by the same margin. A four-point win was posted by Belvin-Hopkins over McLendon-Mee and Cloyd-Hackett took Emlet-Hines by the same margin.

Newt Hamby's 40 was best scratch score for the week while Harold Ratjen and Gregory tied at 35 for best handicap.

Leag	ue standing follow	vs:
Team		٧
Gambill-	Hamby	56
	artholomew	. 56
Brown-Re		56
Hill-Hops		. 54
McLendo		48
Boyd-Oli		48
Belvin-H		4.5
	ht-Peckman	43
	-Orrison	43
	Tibbatts	4
Emlet-Hi		4
	od-Matthews	40
	veritt	40
	avis	39
	ckett	38
	Patterson	
	Breman	32
Gregory		31
	ood-Burkhart	
True-Ear		28
Bailou St		10

Sawyer-Hendrix Maintain Lead

The Whittle Springs golf league saw the Sawyer-Hendrix duo lengthen their lead by taking three solid points from the Schappels. Like scores were taken when Loy-Huskisson skunked the Kovac-Marrow team, and Ball-Ingle wielded the white-wash brush to Norris-Bishop. Perfect scores were racked up by McNew-Cunningham, Morgan-Campbell, and Abele-Cook by way of the old forfeited game. A two point gain was made by Galle-Troutman over Wyrick-Wilburn.

Team	W	L
Sawyer-Hendrix	27	3
Lov-Huskisson	231/2	61/2
Miller-Burrus	221/2	71/2
Ball-Ingle	21	9
McNew-Cunningham	191/2	101/2
Wyrick-Wilburn	19	11
Morgan-Campbell	18	12
Abele-Cook	18	12
Galle-Troutman	171/2	121/2
Schappel-Schappel	161/2	131/2
Kovach-Marrow	14	16
Norris-Bishop	111/2	181/2

Campbell Leads In Y-12 Net Play

Action in the Y-12 net play saw tennis action last week when Al Fischer whalloped R. A. Huber, 2etiquette should be observed.

Late starters will be put at the end of the list of contestants if they are not present at their respective tee-off times spective tee-off times.

Late week's action in the Slow Pitch League saw the D Shifters taking two games—from the Y-12 Yankees 10 to 5, and the 9215ers over Harper 6-3, 6-2; and Gene over

Initial standings follow:

	3
Sam Campbell	
John Pridgeon	*************************
A. M. Stephens	
Gene O'Hara	
Ray Kuhn	
Al Fischer	
Mike Laggis	
Bill Harper	
Pete Rekemeye	

It's easy for a pretty woman to make a fool of a man-look at the cooperation she gets.

3 Teams Share Y-12 Whiz Kids Sweep First Half Lead In Ridge Golf Of League Play; 11 Wins No Losses

Ernie Collins Sparks Team To Help Cap Perfect Record For Fast Pitch League

Whiz Kids

Fat Boys

D Shift

Atoms

ORNL

The Y-12 Whiz Kids took the first half of league play with a clean sweep of 11 wins and no losses. Despite rain and muddy fields, action continued in the Fast Pitch Softball League at a furious pace.

Wednesday saw the Whiz Kids take the "D" Shift boys for a nine to two victory. Ernie Collins hom-ered and doubled to help the cause for the winners.

Line scores w	ere:		
Team	R	H	I
Whiz Kids	9	13	
D Shift		8	
Batteries: W	hiz Kids -	- Coll	ins
Chandler, pitch			
rod, catchers.	2		

D Shift—Bates and Billingsley. In action again Thursday the Whiz Kids walloped the "D" Shift again, this time to the tune of 11 to 3. Simons tripled and doubled, and Cheek, Collins came through with doubles. For the "D" Shift doubles were earned by Smith, and Billingsley.

Team Whiz Kids 11 11 Batteries: Whiz Kids—E. Collins and Bowers. D Shift—Wininger,

Gaylor, pitchers; and Billingsley. The "D" Shift team didn't make it a poor week; they dumped the X-10 team to the score of 5 to 3. Triples were belted out by Butler, and Gaylor for the D Shift

Carter-Morrison Cap Lenoir League

Lenoir City golf league saw Y-12ers in action when J. Thompson-J. Bowles skunked E. Kennedy-A. Ludlow. The forfeit brush for four points was also wielded by the C. Spradlin-K. Pluhar team, the S. Shultz-C. Day duo, and the C. Beckett-F. Kennedy combo. Three point winners for the week were F. Kennedy (subbing)-B. J. White over W. Rutherford-E. Stinnett; and W. Collins-L. Watson over J. Bowles-L. Koontz.

Splitting even with two points each were the C. Harris-T. Harris team and the W. James-J. Thompson two.

Low individual scratch honors went to Frank Kennedy (substi-

tuting on the Price-White team) with 43, and W. C. Collins with a 44. Handicap lows were W. J. James, 36, and W. C. Collins, 37. League standing follows:

Team	W	L
Carter-Morrison	36	16
Price-White	341/2	171/2
Rutherford-Stinnett	311/2	201/2
Spradlin-K, Pluhar	30	22
Wright-Simmons	30	22
	281/2	231/2
	28	24
Beckett-Kennedy	241/2	231/2
C. Harris-T. Harris	231/2	281/2
	211/2	301/2
Arrowood-Wray	21	31
Thompson-Rogers	201/2	311/2
James-Kinkaid	161/2	351/2
Collins-Watson	121/2	351/2

D Shift Nine Takes Slow Pitch Lead

Last week's action in the Slow O'Hara over John Pridgeon 6-1, 9215ers to the ground to the score of 15 to 2. The Payolas dropped two-one to the Eagles 16 to 12, and one to the Kentucky Wonders 16 to 6.

League standing follows:
Team
D Shift
Development
Kentucky Wonders
Red Devils
Eagles
Odds 'n Ends
Y-12 Yankees
Process Engineers
Payolas
9215ers

Line scores were:	-		
Team	R	н	E
D Shift	5	8	2
X-10	3	8	3
The "D" Shift also	took	a for	feit
win from the X-10	nine	Tues	day
night.	11		
_ League standing for	Hows:		



THIS BLUE CAT never has been diet, that's obvious. Caught in Watts Bar back in the early summer by Fred Pugh, of the General Machine Shop, the mighty denizen met his doom by taking a shad minnow. The 12 lb. test line held, and Pugh has a strong contender in the rough fish class because it did hold.

Martin-PatrickKeep Harriman Link Lead

L. C. Martin-Paul Patrick strengthened their lead in the Harriman Golf League by shellacing Jim Jordan-Bob Brown, as the league ended its first half of competition.

Other clean sweeps saw Jim Winters-Harris Creswell over Tom Pickel-Jim O'Keefe, Bob Tilley-Ted Willmarth over John Franzreb-Eddie Webster, and Ed Isham-Benny Crass over Ed Ellis-W. H. Brown via forfeit. Dick Magyar-John Sharpe duet took three points from E. S. Hench-Bob Lynn. Also winning three points was the J. H. Buttram-L. E. Brown team over Joe Stanley-Neal McCoy. The team of Dave Cuneo-Warren Grimes won over Bill Hamill-Hobey Thomas by a score of three and one-half points.

League standing follow	170.	
	NS.	1040
Team	w	L
Martin-Patrick	381/2	131/2
sham-Crass	341/2	171/2
Cuneo-Grimes	311/2	201/2
Winters-Creswell	31	21
Filley-Willmarth	31	21
Hamill-Thomas	281/2	231/2
ranzreb-Webster	251/2	261/2
Brown-Jordan	251/2	261/2
Buttram-Brown	251/2	261/2
Henck-Lynn	241/2	271/2
Pickel-O'Keefe	221/2	201/2
Ellis Brown	20	32
	171/2	
Magyar-Sharpe		341/2
Stanley-McCoy	81/2	431/2

Bia Mess In Smokies

July 4th holidayers dumped 66 ons of garbage in containers in the Great Smoky Mountains National Park, according to Park Superintendent Fred J. Overly. This amount, Overly pointed out, is the equivalent of garbaba collected from equivalent of garbabe collected from a city of 22,000 population.

To be human should be considered a privilege and not an ex-

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Y-12er's Son Enters U. S. Naval Academy; Busy In Midshipman Duties Immediately

Plans Engineering Career In Navy

Tuesday, July 5th was more than just the day after Independence Day for young Thomas D. Smith, son of John M. Smith, of the Sunflower Foundry. For it was this day that saw young Smith enter the U. S. Naval Academy at Annapolis. Young Smith attended grammar

school here in Oak Ridge at Cedar Hill, and attended Shaw High School in East Cleveland, Ohio. Appointed by Congresswoman Frances P. Bolton, from the 22nd Congressional District in Ohio, Smith took his examinations, both physical and mental, at the Great Lakes Training Base in Michigan.

He is a well rounded student, making high scholastic records all through school and he is also an outstanding athlete, excelling in swimming. During the summer he served as a senior life-guard at various Boy Scout Camps. Himself an Eagle Scout, Smith holds the "God and Country" award, one of the highest honors the Scouts offer.

He wrote his father that the food at the Academy is really fine, "but there's never time to eat enough."

To illustrate just how stringent the physical examinations are for Annapolis, young Smith was one of the nine out of 70 that took the tests that passed. He plans to study

engineering while at the Academy.
An expert flutist, Smith has not decided yet whether to make an attempt to play in the Navy Band at Annapolis. "I'll just have to wait and see" he says "to see how much time I have."

The provid father who will soon

The proud father, who will soon complete ten year's service in Y-12, expressed extreme pleasure in the opportunities offered his fine son. "You can bet in 1964, I'll be there to see that graduation", he beamed.

Beware of "locker room special-ists" and their cure-alls for everything from colds to cancer. If you don't feel up to par-see your doc-



LETTER HOME is one of the regular duties of Midshipman Thomas D. Smith, son of John M. Smith, Jr., of the Sunflower Foundry. Young Smith entered the U. S. Navy's Academy at Annapolis early this month.

Juanita Moore Dies After Long Illness

Friends and fellow workers of Juanita Moore, of the Plant Laboratory, were saddened by her death at 2:30 a.m. Wednesday, July 13 at Fort Sanders Presbyterian Hospital after a lengthy illness. Juanita had been an analyst in the Production Analysis Department for

The former Y-12er was a member of Grace Baptist Church. Final services were held at 4 p.m. Friday July 15, at New Providence Baptist Church in Carthage, Miss. Her survivors include her hus-

Cornelius N. Moore, Rt. 20, Knoxville, an Oak Ridge National Knoxville, an Oak Ridge National Laboratory employee; parents, Mr. and Mrs. Shelby Wagner; brothers, Bulus, Talmadge and Fred S. Wagner, Carthage, Miss.; sisters, Mrs. Josephine McBride, Wichita Falls, Texas; Mrs. Helen Mullican, Florence, Miss. Her friends and fellow employees in Y-12 send deepest sympathy to all the family. sympathy to all the family.

Beta Four Picnic Draws Over 400 For Big Picnic In Lenoir City Park On July 9th

urday, July 9th, but you would have never known it at the Lenoir City Park, scene of Beta-4's big picnic of the year! More than 400 people formed a super market line to get Winners of some fried chicken, barbequed ham, potato salad and chips, rolls, cookies kins and Irene Davis, electric clocks; and other picnic trimmings. Ice Frankie Smith, casserole warmer; cream was served in the afternoon. Carl McCulley, picnic jug; Evelyn later watermeions were sliced. Soft drinks were consumed all day long Late tallies show that 55 cases manicure set; H. B. Stevens, kitch-(that's 1320 bottles!) of soda were consumed. Also, Reporter Jeri Kobisk reports that 40 watermelons disappeared like magic. The applause and thanks of the

hungry hoard for the planning, se-curing and unending supply of food goes to Roy Phillips, Roy Liles, Sam Edwards and "Pop" Richardson of Mechanical Operations. J. L. Lenderman, of the same department, carried the responsibilities for recreation and prizes. Considering the participants in badminton, horse-

There wasn't much sun out Sat-shoes and bingo games—plus all the day, July 9th, but you would have happy winners of prizes—testify to the gargantuan task involved in this

Winners of some of the awards were Edith Hawk, Mrs. C. W. Haw-Bonney, travel clock: Mrs. Frank en tool set; Jerry Foust, casserole dish; L. H. Hensley and G. D. Oldham, towel sets; Stella Young and Bill Sisson, wallets; Benny Hauser, steak knives; Elmer Hawk and Bill Blankenship, pillow case and sheet

The fishing rodeo saw L. R. Benker, of the Machine Shop, taking first place with an ice-chest as prize; Milt Green, Press, won a tackle box, and Donald Dowrey, Machine Shop, pulled into third place with an elec-

J. W. Ebert Made Y-12 Chest Head

Continued from Page 1 year Y-12 led the field in the three Oak Ridge plants with contribu-tions totaling \$30,673. W. E. Heckert, Superintendent of the Engineering Division, was campaign director for Y-12 last year.

No goals have been announced by Chest agencies as yet. In considering their gifts this year, director Ebert urges each employee to review his gift, remembering the fine humanitarian work done by the agencies. "It is not only good works alone, it is good sense to support these community-wide efforts. It makes our community a safer, saner place to live and bring up our children," Ebert explained. May Give Thru Payroll Deductions

Almost sixty-five per cent of Y-12ers are contributing to the Union Carbide Nuclear Company Central Fund deduction plan through payroll deductions. This is a simple, convenient manner in which to contribute, where the payments are evenly distributed over the entire year.

Also as in the past Y-12ers will be given the choice of selecting agencies in four counties: Anderson, Knox, Morgan, and Roane to which they wish their contribu-

tions to go. Harold J. Mayberry, of the Oak Ridge Gaseous Diffusion Plant's Industrial Relations, will be the ORGDP director this year. He has been active in prior drives for the Central Fund, spearheading the first year's action that initiated payroll deductions in that plant.

Oak Ridge National Laboratory's fund chairman for 1960 is G. T. Connor, of the Laboratory Protection Division. He also has been active in fund raising at ORNL, heading up the Community Chest drives within his division several

Coordinator Optimistic

Vince M. Kaseta, the UCNC 3-plant coordinator for the Central Fund campaign, in rounding out the organization, voiced confidence in the success of the drive. "We feel sure that Carbiders will again give, as they always have in the past. Each chairman in each of the three plants is an enthusiastic supporter of Community Chest-Red Cross activities. With this type of attitude they will be more than able to put each plant over the top," Kaseta said this week.



Car pool members or will join car pool from Cumberland Estates to North Portal, straight day. Charles Whitmarsh, plant phone 6756, home phone Knoxville 8-6383.

Ride wanted from Vandalia Rd section, Oak Ridge to Bear Creek Portal, straight day. Bernice Price, plant phone 7351, home phone Oak Ridge 5-5074.

Riders wanted to join car pool from Woodland area, Oak Ridge, to any portal except East, straight days. R. T. Hill, plant phone 7417; home phone Oak Ridge 5-4810.

Will join car pool from vicinity of Sheffield Drive, West Hills to North Portal, straight days. Joanne On Long Journeys Milford, plant phone: 7719, home

phone, Knoxville 8-8089.

Ride wanted from Central Avenue and Inskip to West Portal, straight days. H. E. Neeley, plant phone 7-8831, home phone Knoxville MY 1-4009.

Car pool members wanted from University of Tennessee to East Portal, straight day. Bob Hill, plant phone 7-8320, Knoxville

Ride wanted or will join car pool from West Outer Drive-California Ave.-East Drive to Central Portal, straight days. Carolyn Sue phone Oak Ridge 5-2129.



IT ISN'T HALLOWEEN AND IT ISN'T AN INVASION FROM MARS, it's merely group of chemical employees preparing to unload an acid tank car. Jim Arrington, left, gives Frank Zupan an assist in donning the rubber suits recommended for this operation. J. W. Fox, Maintenance, and B. F. Thomas of the Chemical Department, right, are fully dressed for the undertaking with rubber shoes, rubber gloves, monogoggles, face shields and hard hats completing their wardrobe.



OPERATOR B. F. THOMAS watches (at left) as Frank Zupan and J. W. Fox open tank car and make connections for unloading acid.



PLASTIC SLEEVE COVERS protect the arms of Chemical Operator Cliff Voekel as he transfers a highly concentrated solution of acid from a barrel to a head tank. Note the spot ventilation trunk tube extending down into the head of

Blind Driving Seen

Scientists at the American Optical Co. have been investigating blinking of the human eyes. The company discovered that it requires one-fifth of a second to blink and that an average person usually blinks 25 times every minute. The firm concludes that if a motorist averaged 50 miles per hour on an automobile trip of 10 hours, he would drive 33 miles with his eyes shut.

King, plant phone 7714, home

Painful Burns Cause Misery, Lost Time

Continued from Page 1
caution signs. Each department's practices and performances should be carefully appraised. Complac-ency should be entirely eliminated where a danger of burns exists. This is exactly the condition that the potential burn accident is seeking. One second of inattention can bring years of regret in any area where heat is involved.

Considerable Progress Made Since 1956, Y-12 has made con-

siderable progress in the plant in preventing burns, but Y-12ers cannot afford to become satisfied with prevention efforts. The concerted effort of every Y-12er can put fire in its proper place in the scheme of things—a servant and server of mankind, not its master. Consistent vigilance and the proper utilization of protective equipment can keep temperatures well within the control of all of us. "Chance taking" where fire is concerned is an open invitation to disabling injuries. Just as the well known "burned child fears the fire", let's treat heat with the proper respect. Keep temperatures in our instruments and in the flasks, not on our hands.

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

15 YEARS William Penn, Electrical Engi-

neering, July 24.

Joe T. Thomas, Process Maintenance, July 25.

Charles O. Poland, Stores, July

10 YEARS

Lawrence E. Christopher, Chemical, July 20. Warren F. Cartwright, General

Machine Shop, July 20.

Eugene S. French, Beta-2, July

Kenneth L. Honeycutt, flower Foundry, July 24.

Donald I. Davis, Guard Department, July 24.

Charles R. Connatser, Research Services, July 25.

CHECKS OF MANY KINDS

Checks usually are written on special paper, but they need not be. Legal checks have been made on handkerchiefs, scraps of paper, a hard boiled egg, chiseled into a tombstone, even a watermelon. Just don't ever write one on RUB-